

AMENDMENTS TO THE CLAIMS

Claims 1-10 (Cancelled)

11. (Original) A method for context-based serialization of messages in a server system having a message queue and an execution system which performs parallel processing of messages, comprising the steps of:

- retrieving a message from the message queue;
- determining a transaction identifier of the message;
- searching a state table for the transaction identifier;
- creating an entry for the message in the state table with the transaction identifier and a state of active if the state table does not contain the transaction identifier found in the step of determining; and
- putting the message into an execution queue.

12. (Original) A method for automatic context-based serialization of messages in a server system having an execution system for parallel processing of messages, comprising the steps of:

- retrieving a message from a message queue;
- analyzing the message to find a transaction identifier;
- searching a state table for the transaction identifier of the message; and
- putting the message into a serialization queue if the state table includes the transaction identifier with an active state.

13. (Original) The method according to claim 12, further comprising the steps of:
checking states of messages in the state table at predetermined times; and
if a message with the transaction identifier has been cleared in the state table, putting a
message from the serialization queue having the transaction identifier into the execution queue.

14. (Original) The method according to claim 13, further comprising the steps of:
recording, in the state table, a time stamp of a message arriving in the message queue;
and
putting the message into the execution queue in a sequence according the time stamp.

15. (Original) The method according to claim 12, further comprising the steps of:
assigning a message ID to the transaction identifier in the state table; and
retrieving the message from the serialization queue using the message ID.